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### 3" DEEP, 16 CELL PARABOLIC LOUVER

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Technical drawing of a lamp bracket showing front and end views with dimensions.

**Front View Dimensions:**

- Overall width: 24"
- Overall height: 16-1/2"
- Top mounting hole: 9/32" diameter, 2" from left edge, 1-1/4" from right edge.
- Top K.O. (Keyway): 7/8" diameter, within 1-7/8" diameter K.O., 3" from right edge.
- Side K.O. (Keyway): 7/8" diameter, 24" from left edge.
- Bottom K.O. (Keyway): 3/16" x 5/8" size, 24" from left edge.
- Left side height: 9-1/2" to the top mounting hole.

**End View Dimensions:**

- Overall width: 24"
- Overall height: 5-1/2"
- Top K.O. (Keyway): 7/8" diameter, 1-3/16" from right edge.
- Bottom K.O. (Keyway): 7/8" diameter, 1-3/16" from right edge.
- Bottom flange thickness: 3/4"
- Direction of lamps: Indicated by an arrow pointing left.

## REMARKS:

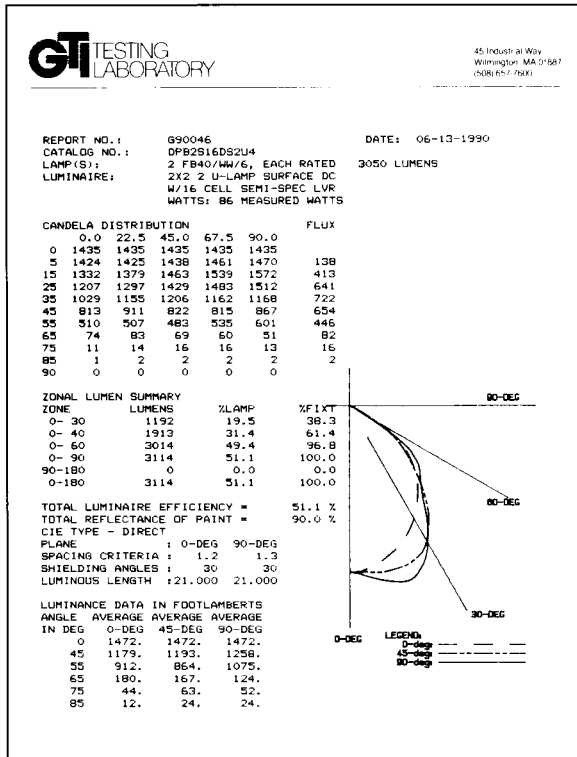
**SECTION 2A / Folio G50-85**

**LIGHTOLIER®**  
a GENLITE company

# DPB2S16DS2U4

## DEEPCEL SURFACE 2' x 2' SURFACE FLUORESCENT

### PHOTOMETRY



### MODEL NO. DPB2S16DS2U4

#### coefficients of utilization—zonal cavity method

RF	20			20			20		
RC	80			50			30		
RW	70	50	30	50	30	10	50	30	10
1	57	56	54	52	51	50	50	49	49
2	54	51	48	48	46	44	46	45	43
3	50	46	43	44	41	39	43	40	39
4	46	42	38	40	37	35	39	36	34
5	43	38	34	36	33	31	35	33	30
6	40	34	30	33	30	27	32	29	27
7	37	31	27	30	27	24	29	26	24
8	34	28	24	27	24	21	26	23	21
9	31	25	21	24	21	18	24	21	18
10	29	23	19	22	19	16	22	18	16

#### visual comfort probability (VCP) average 100 fc; reflectances 80/50/20

room size		ceiling height				ceiling height			
W	L	8.5	10.0	13.0	16.0	8.5	10.0	13.0	16.0
20	20	87	80	76	78	89	81	77	78
20	30	89	83	79	75	90	83	80	79
20	30	89	85	81	78	91	85	82	81
20	60	90	85	84	80	92	87	84	83
30	20	89	84	78	78	90	85	79	78
30	30	90	86	81	75	91	86	81	78
30	40	91	88	83	77	92	87	83	80
30	60	91	88	85	80	93	89	85	82
30	80	91	88	85	80	93	89	86	83
40	20	90	85	80	79	90	86	82	79
40	30	91	87	82	77	92	87	83	79
40	40	92	89	85	79	93	89	85	81
40	60	92	89	86	81	93	90	86	82
40	80	92	89	86	81	93	90	88	84
40	100	92	89	86	81	93	90	88	84
60	30	91	87	84	79	92	87	85	81
60	40	92	89	86	80	93	89	86	83
60	60	92	90	87	82	93	90	87	84
60	80	92	90	87	83	93	90	88	85
60	100	92	90	87	83	93	90	88	85
100	40	92	89	86	82	93	89	86	84
100	60	92	90	88	84	93	90	88	85
100	80	92	90	88	84	93	90	89	86
100	100	92	90	88	84	93	90	89	86

### ORDERING INFORMATION

Explanation of Catalog Number Example: DPB2S16DS2U4120LEGLR

DP	B	2	S	16	D	S	2	U4			
3" DEEPCEL PARABOLIC: Pre-anodized aluminum louver	BODY STYLE: Surface Box	FIXTURE WIDTH	CEILING TYPE: S = Surface	NUMBER OF CELLS	LOUVER FINISH*: D = Semi-specular L = Low Indescence Semi-specular P = Low Indescence Specular S = Specular W = White Paint G = Champagne Gold	BALLAST COVER	LAMP QUANTITY	LAMP LENGTH	VOLTAGE: 120 or 277	BALLAST TYPE: LE = Low Energy SS = Electronic DIM = Dimming	OPTIONS: Add appropriate suffix to catalog no., ie: (GLR)

#### OPTIONS/ACCESSORIES

STEM AND CANOPY SETS: Suspends fixture 6", 12", 18" or 24" from surface. (Four per fixture is recommended.)

CATALOG NUMBER: ASC6 (6")  
ASC12 (12")  
ASC18 (18")  
ASC24 (24")

FUSING: Internal fast-blow fusing. SUFFIX: GLR.  
Internal slow-blow fusing. SUFFIX: GMF.  
RADIO INTERFERENCE FILTER: 120 or 277 volt, 50 or 60 Hz. One per fixture standard. SUFFIX: RF.  
ELECTRICAL/WIRING OPTIONS: Consult factory.

\*Consult factory for availability of louver finishes.

### SPECIFICATIONS

**PERFORMANCE:** In an installation of 2U lamp 40W luminaires in a room cavity ratio of 1, with reflectance of 80% ceiling, 50% wall, 20% floor, the C.U. shall not be less than .56. To prevent glare the VCP shall be not less than 92 either lengthwise or crosswise (at 100 fc level) and the average brightness at 65° shall not exceed 180 foot-lamberts. To control veiling reflections, luminaire output in the 30°-90° zone shall be not less than 62%.

**MATERIALS:** Chassis parts are die-formed 20 gauge steel, welded for rigidity with all seams finished smooth. Louver is pre-anodized aluminum. (Coilzak® or equal.)

**STANDARD FINISH:** Louver—semi-specular anodized, vertical grain aluminum reflector sheet. Cavity—white baked acrylic enamel, minimum 86% reflectance. Phosphate undercoating. Chassis exterior—white baked acrylic enamel.

**ELECTRICAL:** Rapid start HPF, LE (low energy) thermally protected class "P" ballast C.B.M. certified by E.T.L. If K.O. is within 3" of ballast, use wire suitable for at least 90°.

**LABELS:** I.B.E.W. Listed by Underwriters Laboratories.

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